



A.D. 1816 N° 3975.

SPECIFICATION

OF

THOMAS DEAKIN.

REGISTER STOVE, AND APPARATUS FOR
SUPPLYING COAL THERETO.

LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,
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1854.



A.D. 1816 N° 3975.

**Register Stove, and Apparatus for Supplying Coal
thereto.**

DEAKIN'S SPECIFICATION.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, THOMAS DEAKIN, of Ludgate Hill, in the City of London, Furnishing Ironmonger, send greeting.

WHEREAS His most Gracious Majesty King George the Third, by His Royal
5 Letters Patent under the Great Seal of Great Britain, bearing date at Westminster, the Fifteenth day of January last, for Himself, His heirs and successors, did give and grant unto the said Thomas Deakin, and to John Richard Haynes, of Saint John Street, in the County of Middlesex, Furnishing Ironmonger, their executors, administrators, and assigns, His especial licence, full power, sole
10 privilege and authority, that the said Thomas Deakin and John Richard Haynes, their executors, administrators, and assigns, and every of them, by themselves or their deputy or deputies, servants or agents, or such others as the said Thomas Deakin and John Richard Haynes, their executors, administrators, or assigns, should at any time agree with, and no others, from time to
15 time and at all times thereafter during the term of years therein expressed, should and lawfully might make, use, exercise, and vend, within that part of the United Kingdom of Great Britain and Ireland called England, the Dominion of Wales, and the Town of Berwick upon Tweed, in such manner as to the said Thomas Deakin and John Richard Haynes, their executors,
20 administrators, and assigns, or any of them, should in their discretion seem

Deakin's Improved Stove Grate or Fire-place.

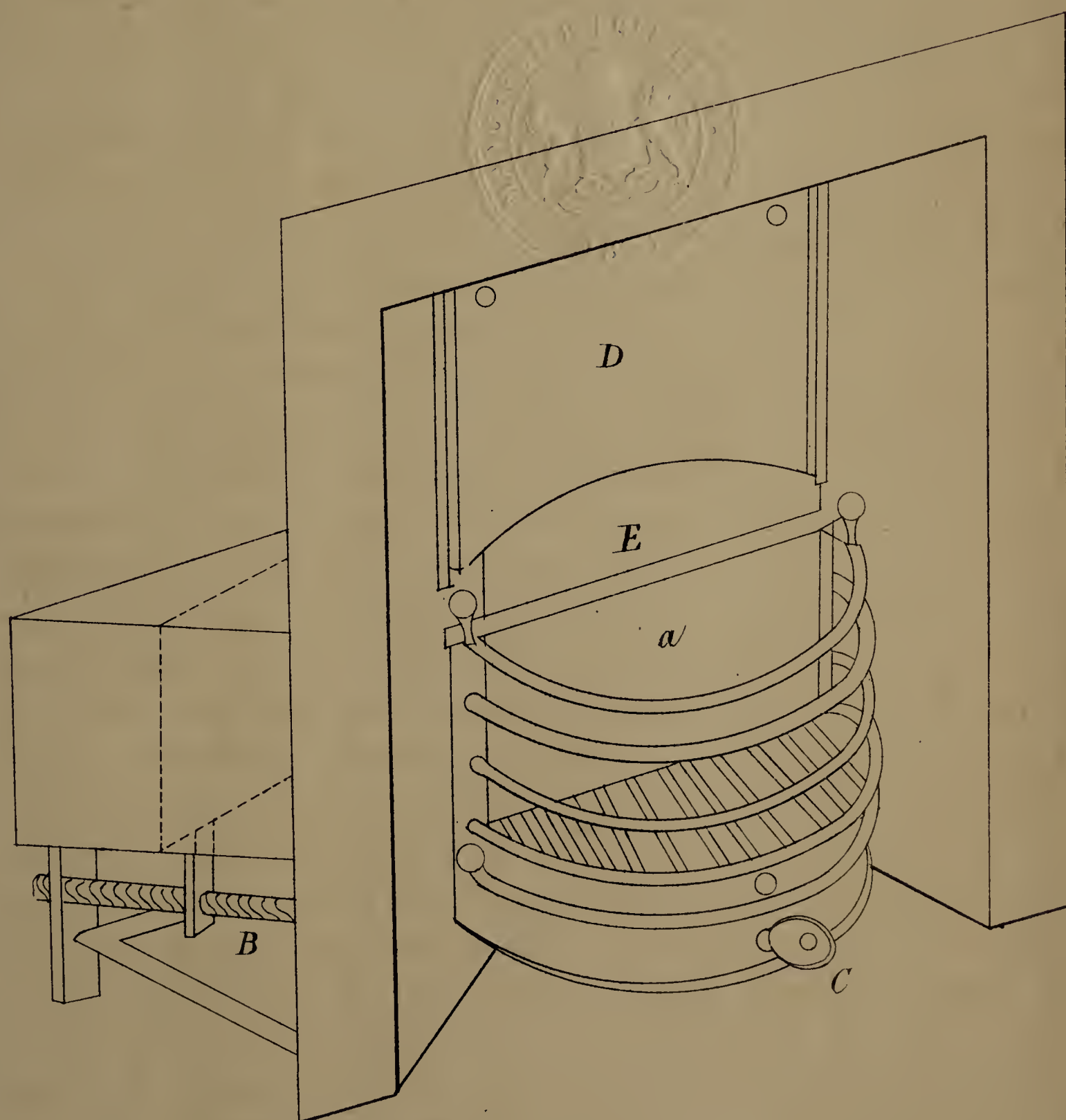
meet, their Invention of “**A NEW AND IMPROVED STOVE GRATE OR FIRE-PLACE;**” in which said Letters Patent are contained a proviso for making the same void in case the said Thomas Deakin and John Richard Haynes, or one of them, should not particularly describe and ascertain the nature of their said Invention, and in what manner the same is to be performed, by an instrument in writing 5 under their hands and seals, or under the hand and seal of one of them, and cause the same to be inrolled in His Majesty's High Court of Chancery within six calendar months next and immediately after the date of the said Letters Patent, as in and by the same Letters Patent, reference being thereunto had, will more fully appear. 10

NOW KNOW YE, that in compliance with the said proviso, I, the said Thomas Deakin, do hereby describe and ascertain the nature of the said Invention, and in what manner the same is to be performed (that is to say):—

We make of iron or other metal a reservoir or box to supply a stove with coals, which reservoir or box we place behind the fire part of the stove, as shewn 15 *a, a*, in the Drawing hereto annexed. In this box and the fire part communicating therewith, coals are intended to be put once in each day. The box and fire part should be made of capacity to contain coals sufficient for one day's consumption. As the coals in the fire part consume, others in the box are wound out of it into the fire by a screw *B* in the Drawing acting upon a plate within 20 the box, as after-mentioned; this screw may be turned by a poker or any other pointed instrument, for which purpose the head of the screw should be perforated with holes; the screw passes under the fire part, and the head of it is seen beneath the front of it at *C* in the Drawing annexed. This screw passes to and works in a female screw in an arm attached to a plate within the box, 25 shewn in the annexed Drawing by dotted lines. When the screw is turned one way, it propels the plate forward, and thereby drives the coals into the fire part; when the screw is turned the contrary way, it moves the the plate backwards. Above the fire and over the mouth or entrance from the fire part to the box, we form a register, as at *D* in the annexed Drawing, regulating an opening *E* 30 communicating with the chimney, by and through which opening the effluvia which arises from the burning coals is carried off; I say effluvia, because the coals passing horizontally into the fire, the smoke is partially or wholly consumed. This register we make to slide up and down in a frame, and the register and its frame may be drawn out (the frame working with pins in 35 sockets) to carry off the smoke which necessarily arises at first lighting the fire; but when once the fire has burnt clear, it is intended to push in the register and draw it nearly down. The other parts of the stove are made in the usual manner, of iron or other metals, and of various shapes according to the fancy.

(1 SHEET)

A.D. 1816. JANUARY 15. N^o 3,975.
DEAKIN & HAYNES' SPECIFICATION.



The enrolled drawing is colored.

Mahy & Sons Lith.

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Printers to the Queen's most Excellent Majesty. 1854



Deakin's Improved Stove Grate or Fire-place.

of the purchaser. The screw at the part next the head and at its other extremity works in plain sockets.

In witness whereof, I have hereunto set my hand and seal, the Fifteenth day of July, in the year of our Lord One thousand eight hundred and sixteen.

5

THOMAS DEAKIN. (L.S.)

AND BE IT REMEMBERED, that on the same Fifteenth day of July, in the year above mentioned, the aforesaid Thomas Deakin came before our Lord the King in His Chancery, and acknowledged the Specification aforesaid, and
10 all and everything therein contained, in form above written. And also the Specification aforesaid was stamped according to the tenor of the Statute in that case made and provided.

F. P. STRATFORD

Inrolled the same Fifteenth day of July, in the year above written.

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